"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBAKOV, V.F.; GORDON, S.A.; MENKOVSKIY, M.A.

Synthesis of ferrous-ferric oxide containing bivalent germanium.
Geokhimiia no.5:483-485 My '64. (MIRA 18:7)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

MOMDZHI, G.S.; GRIGOR'YEV, V.M.; CHURBAKOV, V.F.

Conditions governing the accumulation and characteristics of the distribution of germanium in iron ores. Min.syr'e no.7:28-33 '63. (MIRA 16:9)

(Germanium) (Iron ores)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

GORDON, S.A., kand.tekhn.nauk; SPEKTOR, A.N.; CHURBAKOV, V.F., kand.tekhn.nauk

Recovery of germanium from coal and ores abroad. Biul.tekh.-ekon. inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.9:83-88 '63. (MIRA 16:10)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

GLADYSHEV, G.P.; RAFIKOV, S.R., akademik; CHORBAKOVA, N.V.

Determination of the efficiency of weak inhibitors in viscous media. Dokl. AN SSSR 165 no.1:133-135 N '65.

(MIRA 18:10)

1. Institut khimicheskikh nauk AN KazSSR. 2. AN KazSSR (for Rafikov).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

KOVBA, L.M.; CHURBAKOVA, T.I.

X-ray investigation of potassium polyuranates. Zhur.strukt. khim. 2 no.5:585-590 S-O '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Potassium uranate)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, V.; SYCHEV, A.

Economic growth of socialist Mongolia. Vnesh. torg. 43 no.7:3-5 '63. (MIRA 16:8)
(Mongolia--Economic conditions)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

RAFIKOV, S.R.; GLADYSHEV, G.P.; KHASANOVA, N.F.; CHURBAKOVA, N.V.

Effect of the nature of initiator on the mass polymerization of methyl methacrylate. Trudy Inst. khim. nauk AN Kazakh. SSR 11:19-24 '64.
(MIRA 17:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

KHASANOVA, N.F.; CHURBAKOVA, N.V.; GLADYSHEV, G.P.

Polymerization of methyl methacrylate in the presence of dimethyl peroxydicarbonate. Trudy Inst. khim. nauk AN Kazakh. SSR 11:30-35 '64. (MIRA 17:11)

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ACC NR: AM6000299 (N) Monograph UR/

Gittis, Vladimir Yul'yevich; Bondarenko, Vladimir Leonidovich; YEfimov, Teodor Petrovich; Polyakov, YUriy Gavrilovich; Churbanov, Boris Mikhaylovich

Theoretical principles of the operation of marine diesel engines (Teoreticheskiye osnovy ekspluatatsii sudovykh dizeley) Moscow [Izd-vo "Transport]" 1965. 375 p. illus., biblio. 3000 copies printed.

TOPIC TAGS: diesel engine, internal combustion engine, engine performance characteristic, shipbuilding engineering, marine engineering, marine engine

PURPOSE AND COVERAGE: This book is intended for engineers and technicians working with marine diesel power units, and may be used as a textbook by students and degree candidates in higher educational institutions and marine and shipbuilding institutes. The book attempts to relate the theory of internal-combustion engines, propellers, and hydraulic resistance to the actual operation of diesel-engine units. Problems involving fuel combustion and heat distribution in engines are reviewed along with the operating characteristics of diesels under shipboard conditions. The effect of use conditions on diesel operation and the monitoring of the quality of diesel operation under various ship running conditions are discussed. Recommendations are given for selecting diesel operating conditions, and methods are presented for plotting and using capacity charts for monitoring the propulsion gear (engine, screw, hull) of a vessel. The authors thank Doctor of Technical Sciences, Professor V. I. Nebesnov for his valuable remarks and suggestions.

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ACC NR: AM6000299

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APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV G.V.

CHURBANOV, G.V.

Raising workers' qualification. Tekst.prom.8 no.2:28-29 F '48.
(MLRA 8:11)

1. Glavnyy inzhener Glavshersti
(Textile industry)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, G. V.

CHURBANOV, G. V. -- "Methods of Preparing Combed Tape from Staple Fiber Using the Fine-Comb System of Spinning." Min Higher Education USSR. Moscow Textile Inst. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, G.V., kandidat tekhnicheskikh nauk.

Basic trends of technical progress in the woolen and worsted industry. Tekst. prom. 17 no.7:6-12 Jl '57. (MLRA 10:9)

1. Nauchnyy rukovoditel' TSentral'nogo nauchno-issledovatel'skogo instituta Shersti.
(Woolen and worsted manufacture)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, G.V., kandidat tekhnicheskikh nauk.

The technology of woolen and worsted manufacture in Britain.
Tekst.prom.17 no.1:50-55 Ja '57. (MLRA 10:2)
(Great Britain--Woolen and worsted manufacture)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, G.V., kandidat tekhnicheskikh nauk.

Techniques used in the wool industry in England. Tekst. prom. 17 no.4:53-57 Ap '57. (MLRA 10:4)
(Great Britain--Woolen and worsted manufacture)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, Grigoriy Vasil'yevich; VASIL'EV, Dmitriy Ivanovich; GUSEVA, Ye.M., redaktor; DMITRIYEVA, N.F., tekhnicheskiy redaktor

[Wool combing with automatic control of the evenness of the sliver] Grebennoe priadenie shersti s avtomaticheskim regulirovaniem rovnoty produkta. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl.,1957. 136 p. (MLRA 10:10)
(Wool-combing)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHUBBANOV, G.V., kand.tekhn.nauk; VENEDIKTOV, D.I.

Device for measuring the length of individual fibers. Tekst.prom. 18 no.10:60-61 O '58. (MIRA 11:11)
(Textile fibers--Measurement) (Great Britain--Measuring instruments)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

GAKEL', R.A.; VALYAYEV, R.M.; CHURBANOV, G.V., red.; AKSENOVA, I.I., red.; KHAKHIN, M.T., tekhn.red.

[P-132-Sh spinning machine] Priadil'naia mashina P-132-Sh. Pod red. G.V.Churbanova. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. 102 p. (MIRA 13:5)
(Spinning machinery)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, G.V., kand.tekhn.nauk

Prospects for the expanding of the rug industry. Tekst.prom. 20 no.3:21-24 Mr '60. (MIRA 14:5)
(Rug and carpet industry)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

ANIKIN, A.V.; BELYAYEVA, G.A.; CHURBANOV, I.M.

Quick method for qualitative analysis of samples in X-ray spectra. Izv.AN Turk.SSR.Ser.fiz.-tekh.,khim.i geol.nauk. no.3:120-121 '62. (MIRA 16:5)

1. Fiziko-tekhnicheskiy institut AN Turkmenskoy SSR.
(X-rays spectroscopy) (Chemistry, Analytical—Qualitative)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, I.S.

CHURBANOV, I.S., inzh.

Soviet combine manufacturing on the 40th anniversary of the Great October Revolution. Sel'khozmashina no.11:6-7 N '57. (MIRA 10:12)
(Combines (Agricultural machinery))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, I.S., inzh.

Analysing results of tests on the SK-3 self-propelled combine and its modified models. Trakt. i sel'khozmash. no.3:13-19 Mr '58. (Combines (Agricultural machinery)--Testing) (MIRA 11:5)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHUBBANOV, I.S., inzh.

Results obtained from testing self-propelled chassis with mounted machinery. Trakt.i sel'khozmash. no.8:20-22 Ag '59.
(MIRA 12:11)
(Agricultural machinery--Testing)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, I.S., inzh.

Technical trends in designing machinery for cultivating, harvesting and processing grain crops. Trakt. i sel'khozmash. 30 no.6:17-19 Je '60. (MIRA 13:11)

(Agricultural machinery) (Grain)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, I.S., inzh.

Harvesting machinery. Trakt. i sel'khozmash. 31 no.7:27-28 Jl '61. (MIRA 14:6)

(Harvesting machinery)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, I.S., inzh.

Self-propelling SSh-45 chassis with mounted harvesting machinery. Trakt.i sel'khozmash. 32 no.4:24-27 Ap '62. (MIRA 15:4)
(Harvesting machinery)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, I.S.

Grain cleaning and drying stations for collective and state farms. Trakt. i sel'khozmash. 33 no.8:20-23 Ag '63. (MIRA 16:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHUFRANOV, P.

Lessons on a screen. Prof.-tekh. obr. 21 no.5:22 My '64.
(MIRA 17:6)

1. Zamestitel' direktora Novosibirskogo gorodskogo professional'-no-tekhnicheskogo uchilishcha No.12.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

KATALYMOV, M.V.; CHURBANOV, V.M.

Agricultural and chemical evaluation of precipitated magnesium borate as a boric fertilizer. Khim.prom. no.7:604-605 O-N '59. (MIRA 13:5)
(Magnesium borate) (Fertilizers and manures)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

KATALYMOV, M.V.; CHURBANOV, V.M.; RYABOVA, S.I.; KNYAZEVA, M.A.; SEZEMOVA, Z.S.; PALILOVA, N.I.; GORLENKO, M.V.

Studying different ways and methods for applying trace element fertilizers. [Trudy] NIUIF no.164:53-54 '59. (MIRA 15:5)
(Trace elements) (Fertilizers and manures)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, V.M.; MAMEDOV, O.G.

Some results of studying the rate of the uptake and translocation of molybdenum in plants, using the radioisotope Mo^{99}. Dokl. AN Azerb. SSR 18 no.2:63-67 '62. (MIRA 15:7)

1. Institut pochvovedeniya i agrokhimii AN AzSSR. Predstavleno akademikom AN AzSSR G.A. Aliyevym.
(Plants, Effect of molybdenum on)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOV, Yu.M.

Chuck and device for fastening cutters. Stan.i instr. 33 no.8:38 Ag '62. (MIRA 15:8)
(Chucks)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOVA, A.K.

CHURBANOVA, A.K.

Drug-induced sleep in treating experimental complicated staphylococcal infection. Zhur.mikrobiol.epid. i immun.,supplement for 1956:2 '57 (MIRA 11:3)

1. Iz Bashkirskogo meditsinskogo instituta.
(SLEEP--THERAPEUTIC USE) (MICROCOCCAL INFECTIONS)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

USSR/Microbiology. Microbes Pathogenic for Man and Animals F

Abs: Jour : Ref Zhur-Biol., No 13, 1958, 57680

Author : Churbanova A. K.
Inst : Ufa Scientific-Research Institute of Vaccines and Sera
Title : On the Problem of the Indicators of Immunity to Proteus in an Experimental Wound Infection.

Orig Pub : Tr. Ufimsk. n.-i. in-ta vaktsin i syrovorotok, 1957, vyp 4, 243-249

Abstract : No abstract

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APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOVA, A.K.

Mechanism of immunity to Proteus in compound infection of wounds; author's abstract. Zhur.mikrobiol.epid. i immun. 29 no.2:128-129 F '58. (MIRA 11:4)

1. Iz kafedry mikrobiologii Bashkirskogo meditsinskogo instituta.
(PROTEUS)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOVA, A.K.

Compound therapy of an associated purulent infection against a background of previous radiocobalt gamma-ray irradiation. Zhur. mikrobiol., epid. i immun. 40 no.4:78-82 Ap '63. (MIRA 17:5)

1. Iz Bashkirskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

VORONEZHSKIY, V.I.; KOBERNICHENKO, I.A.; CHURBANOVA, I.S., red.; SHCHEGLOVA, I.B., red.

[Mechanization of sugar beet growing and harvesting; a survey] Mekhanizatsiia vozdelyvaniia i uborki sakharnoi svekly; obzor. Moskva, 1962. 132 p. (Seroa XI: Traktornoe i sel'skokhoziaistvennoe mashinostroenie)
(MIRA 17:4)

1. Moscow. TSentral'nyy institut nauchno-tekhnicheskoy informatsii po avtomatizatsii i mashinostroyeniyu.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOVA, M.V., inzh.; ISTOMINA, T.I., inzh.

Application of beam warping and sizing in the weaving of fine woolen cloth. Nauch.-issl.trudy TSNIISHersti no.16:34-43 '61. (MIRA 16:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURBANOVA, M.V., inzh.; Prinimali uchastiye: ALEKSEYEVA, Z.K., starshiy laborant; KISELEV, I.Ye., inzh.; ANDRYUSHIN, V.A., inzh.

New automatic AT4-175-Sh four-shuttle loom for the woolen and worsted industry. Nauch.-issl. trudy TSNIIShersti no.17: 73-76 '62. (MIRA 17:12)

1. Klimovskiy mashinostroitel'nyy zavod (for Alekseyeva).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut legkogo i tekstil'nogo mashinostroyeniya (for Andryushin).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURCHOR, E.

"Powder and Wire for Automatic Shielded-Arc Welding", p. 172, (PRZEGLAD SPAWALNICTWA, Vol. 6, No. 8, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

SMIRNOV, V.S.; CHURDNOVSKIY, A.F.; KAGANOV, M.A.

Theoretical way of evaluating the heat conductivity of porous alloys at high temperatures. Trudy LPI no.243:12-18 '65.
(MIRA 18:6)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

1. CHUREKOV, F. P.
2. USSR (600)
4. Agriculture - Biography
7. Training master framers. Kolkh. proizv. 13, no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress. May 1953. Unclassified.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

1. CHUREKOV, F. P.
2. USSR (600)
4. Agriculture - Experimentation
7. House of Farm Crops. Dost. sel'khoz. no. 1, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

KOGAN, O.G.; CHUREKOVA, N.I. (Karaganda)

Combination of myoplegia and epilepsy. Klin.med. 38 no.9:128-130 S '60. (MIRA 13:11)

1. Iz kafedry nervnykh bolezney (zav. - dotsent P.G. Mandryko) Karagandinskogo meditsinskogo instituta (dir. - dotsent P.M. Pospelov).

(EPILEPSY) (PARALYSIS)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

KOGAN, O.G.; CHUREKOVA, N.I.; SPIVAK, R.M.

Analysis of diagnostic errors in diseases of the lumbosacral part of the peripheral nervous system. Zdrav. Kazakh. 21 no.6:34-38 '61. (MIRA 15:2)

1. Iz kafedry nervnykh bolezney (zav. - dotsent R.G.Mandryko) Karagandinskogo meditsinskogo instituta.
(NERVOUS SYSTEM, PERIPHERAL--DISEASES)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURENKOV, A., inzh.

Air-entrained cinder concrete treated in autoclaves. Tekh.-ekon. biul. no.1/2:36-40 Ja-F '59. (MIRA 12:4)
(Cinder blocks)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURENKOV, A.V.

YEFIMOV, A.D., inzhener; PAVLOV, V.I., inzhener; CHURENKOV, A.V., tekhnik; SERGEICH, V.I., tekhnik; TSARENKOVA, B.S., motoristka.

Autoclave porous-concrete building products from waste cinder. Rats.i izobr.predl.v stroi. no.55:18-19 '53. (MLRA 7:3)
(Cinder blocks)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CA CHUREVA, M N.

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Chillagite from East Transbaikalia. M. N. Chureva. *Zapiski Vsesoyuz. Mineral. Obshchestva* (Mém. soc. russe minéral.) 77, 103-4(1948).—This rare mineral of the compn. $3PbWO_4.PbMoO_4$ was observed in W ore (scheelite) placers of the Shakhtamina territory, assocd. with vanadinite, cerussite, and mottramite (the latter from the oxidation zone). Grains without any crystal forms; hardness 3.5; luster intermediate between that of scheelite and wulfenite. D. 7.5, ns 2.28 to 2.37, birefringence very strong (about 0.11). A specific chem. reaction of chillagite is observed with HCl: the white ppt. of $PbCl_2$ is stained green if an Fe rod is introduced into the HCl soln. (Mo is reduced from the sexivalent to the quinquevalent state). The same reaction is observed with wulfenite which has a higher Mo content than chillagite and reacts therefore even more rapidly. The W blue reaction is additionally typical for chillagite, if it is fused with $KHSO_4$, and the HCl soln. is treated with Sn metal. In wulfenite this reaction is neg. The distinction from stolzite (Mo absent), pyromorphite, and mimetite (without Mo and W) is simple. Scheelite is extremely slowly reacting with HCl, and moreover free from Mo and Pb.

W. Eitel

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

USSR/Human and Animal Morphology (Normal and Pathological) Nervous System. S

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31244

Author : Churovich A.G.
Inst : Not Given
Title : Peculiarities of Innervation of the Periosteum of Different Fingers of the Hand.

Orig Pub : Sb. tr. Kurskiy med. in-t, 1956, vyp. 11, 78-81

Abstract : In the periosteum (P) of the bones at the fasciculus, there is a great quantity of nerve fibers and receptors; the original fan method of division of the nerves in the area of the nail bones is noted. P of the most active fingers (I, II and III) is the most highly developed innervating apparatus. The P of the palmar surface of fingers I and V contains a greater quantity of receptors than do analogous sections of P of other fingers.

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CHUREYEVA, N.V.

1. L. M. KULBERG, PROF., N. V. CHUREYEVA, L. A. MOLOT

2. USSR (600)

4. Cement - Testing

7. Rapid method of determining aluminum oxides in cement. TSement 18 no. 6. 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

EXCERPTA MEDICA Sec. 6 Vol. 11/8 Aug. 57

CHURGINA R.A.

4922. CHURGINA R.A. Dept. of Morbid-Anat. of the Med. Inst., Krasnojarsk. *Thrombosis of the renal veins in amyloid-lipoid nephrosis (Russian text) KLIN. MED. (Mosk.) 1955, 33/1 (70-73)

In renal amyloidosis and lipoid nephrosis, thrombosis with complete obstruction of the renal veins may develop, a pathological picture that is little known and is even easily overlooked at autopsy. Rapidly progressive oliguria up to complete anuria is characteristic of this disease. The patients die of uraemia. The SU literature on this subject is discussed in detail, and personal observations are described. The thrombosis begins in the small renal veins and extends to the hilus. The author's observations mainly concerned conditions after old injuries. Clinically, there was pain in the renal region. Oedemas and uraemic signs de-

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veloped very rapidly. The cause is considered to be a change in the blood composition.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

ACCESSION NR: AP4015145 S/0064/64/000/002/0130/0133

AUTHORS: Karapet'yants, M. Kh.; Churicheva, L. V.

TITLE: Adapting methods of comprative calculation for estimating certain properties of n-perfluoroalkanes

SOURCE: Khimich. promy*shi., no. 2, 1964, 130-133

TOPIC TAGS: perfluoroalkane, boiling point, critical temperature, critical pressure, critical volume, normal alkane, saturated vapor pressure, comparative calculation

ABSTRACT: The correlation between the boiling point and saturated vapor pressure, and the critical parameters (pressure, temperature, volume) of n-perfluoroalkanes were approximated using methods I, II, and IV of comparative calculations as described by Karapet-yants (Khim. prom., No. 1, 33 (1961)). Because of their accuracy, data for n-alkanes (which are similar to the n-perfluoroalkanes) were used as the basis for the calculations. The boiling point at pressures ranging from 15 mm. Hg to 20 atm. was calculated for some of

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the C_3 - C_{18} n-perfluoroalkanes according to the two equations:

$$t_{n\text{-}C_nF_{2n+2}} = \left(0{,}8522 + \frac{1{,}7829}{P}\right) \cdot t_{n\text{-}C_nH_{2n+2}} + 5{,}079 \lg P - 16{,}26$$

$$t_{n\text{-}C_nF_{2n+2}} = 10^{-0{,}0018 \lg n + 0{,}0166} \cdot t_{n\text{-}C_nH_{2n+2}} + \frac{58{,}12}{n} - 15{,}95$$

Wherein $t_{n\text{-}C_nF_{2n+2}}$ = boiling point and P = pressure mm Hg. These estimated data compare favorably with the experimental data available. The critical temperature t_{cr}, pressure P_{cr} and volume V_{cr} can be estimated from the following equations:

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ACCESSION NR: AP4015145

$$(t_{cr})_{n\text{-}C_nF_{2n+2}} = A_1'(t_{cr})_{n\text{-}C_nH_{2n+2}} + B_1'$$
$$(P_{cr})_{n\text{-}C_nF_{2n+2}} = A_1'(P_{cr})_{n\text{-}C_nH_{2n+2}} + B_1'$$
$$(V_{cr})_{n\text{-}C_nF_{2n+2}} = A_1''(V_{cr})_{n\text{-}C_nH_{2n+2}} + B_1''$$
$$(P_{cr})_{n\text{-}C_nF_{2n+2}} = A_2(t_{cr})_{n\text{-}C_nH_{2n+2}} + B_2$$

The following coefficients for these equations were calculated from data for n-alkanes: $A_1' = 0.75973$, $B_1' = -1.86$, $A_1'' = 0.69132$, $B_1'' = -2.725$, $A_1''' = 1.6301$, $B_1''' = -31.5$, $A_2 = 0.0803$ and $B_2 = 32.173$. The average errors in the estimated critical parameters are in the range of 0.2C, 0.1 atm. and 4.3 cm^3/mol. Orig. art. has: 12 Equations and 9 Tables.

ASSOCIATION: None

SUBMITTED: 00 DATE ACQ: 12Mar64 ENCL: 00

SUB CODE: PH, MM NR REF SOV: 004 OTHER: 023

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

NOVIKOV, V.T., inzh.; SHINKAREV, B.M., insh.; CHURIKOV, A.A., inzh.

Kiln for calcinating diatomite-tripoli heat-insulating products. Suggested by V.T.Novikov, B.M.Shinkarev, A.A.Churikov. Rats. i izobr. predl. v stroi. no.15:12-14 '60. (MIRA 13:9)

1. Ukrglavprommontazh Ministerstva stroitel'stva USSR, Kiyev, ul. Sverdlova.
(Insulation (Heat)) (Kilns)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

BATANOV, Aleksandr Ivanovich. Prinimali uchastiye: SYSOLYATIN, S.A., kand. tekhn. nauk; ARASHKEVICH, V.M.; KVASKOV, A.P., doktor tekhn. nauk, retsenzent; GIBELEV, I.T., inzh., retsenzent; KRASNOV, G.V., inzh., retsenzent; NIKOLENKO, S.V., inzh., retsenzent; SOL'VAR, A.V., inzh., retsenzent; CHURIKOV, A.N., inzh., retsenzent; ROMANOVA, L.A., red. izd-va; BOLDYREVA, Z.A., tekhn. red.; PROZOROVSKIY, Ye.G., tekhn. red.

[Iron ore dressing] Obogashchenie rud chernykh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 423 p. (MIRA 14:9)

1. Obogatitel'nyye fabriki Gornogo upravleniya Magnitogorskogo metallurgicheskogo kombinata (for Gibelev, Krasnov, Nikolenko, Sol'-var, Churikov)

(Ore dressing)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, B.I.

USSR/Pharmacology, Toxicology. Analeptics U-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, No 17563

Author : Churikov, B.I.
Inst : Saratov Zootechnical Veterinary Institute
Title : Caffeine and Furamone Effect on the Secretion of Intestinal Ferments in Dogs

Orig Pub : Sb. nauchn. stud. rabot Saratovsk. zootekhnic. vet. in-ta 1956, 1, 102-106

Abstract : The experiments were carried out by the Thiri method on two dogs with isolated sections of the large intestines. Under the influence of a 10 mg/kg dose of caffeine, an inconstant change in the amount of secreted gastric juice, a decrease in erpsin and enterokinase activity and an increase in amylase activity were observed. Under the influence of furamone the quantity of juice and of the solid substances it contained increased; the activity of amylase and erepsin increased.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S.

First mathematical olympiad in the city of Dzaudzhikau. Usp.mat.nauk 8 no.6:169-172 N-D '53. (MLRA 6:12)
(Dzaudzhikau--Mathematics) (Mathematics--Dzaudzhikau)

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Churikov, F.S.

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USSR.

2358. Zhukov, A. M., Rabotnov, Yu. N., and Churikov, F. S., Experimental testing of a few theories of creep (in Russian), *Inzhener. Sbornik, Akad. Nauk SSSR* 17, 163–170, 1953.

Creep experiments with copper are described and data obtained are compared with the predictions of two theories: the creep theory of strain hardening [Davenport, C. C., *J. appl. Mech.* 5, A-65, 1938; Popov, E. P., *J. appl. Mech.*, 14, A-135, 1947], and the theory of aftereffect formulated by second author in his previous papers [Rabotnov, Yu. N., *Prikl. Mat. Mekh.* 12, p. 53, 1948; Rabotnov, Yu. N., *Izv. Akad. Nauk SSSR Otd. tekh. Nauk* p. 789, 1948]. The general mathematical expression of this theory is

$$\varphi(\epsilon) = \sigma(t) + \int_0^t K(t-\tau)\sigma(\tau)d\tau$$

where author accepts (without giving any physical explanation for his choice) $\varphi(\epsilon) = A\epsilon^n$ and $K(t-\tau) = k(t-\tau)^{-\beta}$ (α, β, K, and A are constants, characteristic for a given material).

Tests are carried out in the temperature range from 170 to

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Inst. Mechanics, Acad. Sci USSR.

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250 C for a number of stresses at each temperature. Duration of test was 30 hours. Also a number of tests were done with change of stress during the test.

Functions $\varphi(\epsilon)$ and $G(t)$ where $d/dt[G(t)] = K(t)$ are obtained graphically from the experimental data, and theoretical creep curves for constant as well as for variable during test stresses are built. The agreement is quite good with the experimental curves, but one should keep in mind that time of tests was comparatively short for creep experiments.

W. Sylwestrowicz, USA

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S.

INA

Curikov, F. S. On a form of general solution of the equations of equilibrium of the theory of elasticity in displacements. Akad. Nauk SSSR. Prikl. Mat. Meh. 17, 751–754 (1953). (Russian)

The author obtains a general solution to the equations of linear elasticity for isotropic materials. When the body force vanishes, the displacement vector is expressed in terms of a harmonic scalar and a harmonic vector. The author makes a statement to the effect that his solution is not obviously equivalent to that obtained by Galerkin [C. R. Acad. Sci. Paris, 190, 1047–1048 (1930)]. *J. L. Ericksen.*

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S.

Second mathematical olympiad in the City of Ordzhonikidze.
Usp.mat.nauk 9 no.4:259-262 '54. (MLRA 8:1)
(Ordzhonikidze--Mathematics)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S.

Third mathematical olympiad at Ordzhonikidze. Usp.mat.nauk 10 no.4:215-218 '55. (MLRA 9:1)
(Ordzhonikidze--Mathematics)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S.

The forth mathematical contest in Ordzhonikidze. Usp.mat.nauk 11 no.5:251-254 S-O '56. (MLRA 10:2)
(Ordzhonikidze--Mathematics--Competitions)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S

124-11-13189

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 133 (USSR)

AUTHOR: Churikov, F. S.

TITLE: The Equilibrium of an Annular Plate and a Disk, with Due Consideration to Creep. (Ravnovesiye kol'tsevoy plastinki i diska s uchetom polzuchesti)

PERIODICAL: Uch. zap. Severo-Osetinsk. gos. ped. in-t, 1956, Nr. 20, pp 217-226

ABSTRACT: The experimental relationship between creep deformation and stress versus time with monoaxial loading is extended to the case of the combined stress condition through the introduction of the stress intensity and deformation. The solution of the problems posed is sought through the stress function f, which appears as the sum, $f_1 + f_2$, where f_1 is the elastic solution of the problem and f_2 is determined from f through the construction of Green's function. The problem is solved by successive approximations.

(O. V. Sosnin)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

AUTHOR: Churikov, F. S. (Ordzhonikidze) SOV/179-59-3-39/45

TITLE: On a Certain Form of the Equation of Supersonic Flow of Gas (Ob odnoy forme uravneniy sverkhzvukovogo techeniya gaza)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, 1959, Nr 3, pp 204-207 (USSR)

ABSTRACT: Often the supersonic flow of gas is described by a system of two linear equations such as Eq (1.1). In general this system can be solved in respect to the derivatives v_x, v_y or u_x, u_y in the form of Eq (1.2), where ℓ, m - linear functions of u, u_x, u_y. If the coefficients a(x,y), b(x,y) in Eq (1.2) satisfy the condition (1.3), then Eq (1.2) can be substituted by an equivalent linear differential equation of the hyperbolic type such as Eq (1.4) for the function u (or v), or as Eq (1.5) for the function w. The formula (1.4) can be transformed into the form of Eq (1.5) if its coefficients satisfy the condition (1.6). Thus, the compact function w can be defined as Eqs (1.7) or (1.8). In the case of the

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On a Certain Form of the Equation of Supersonic Flow of Gas

unstable isentropic flow, the hyperbolic quasi-linear equation takes the form of Eq (2.1). Its equivalent linear system for x,t and u, ρ can be defined as Eq (2.2). If the function Φ (u, ρ), related to x,t as described by Zommerfel'd (Ref 4) is introduced (Eq 2.3), then the expression for w can be defined as Eq (2.4). Similarly, in the case of a plane flow of a stable character with no eddies, Eq (2.5), the equivalent equation can be written as Eqs (2.6) to (2.8), where c - velocity of sound. Thus, the function w can be defined from Eqs (2.7) and (2.8). In the latter case the formula (2.9) is obtained. The third type of flow, which is the current Ψ (Eq (2.10) described by Sedov, Ref 2), can be substituted by the compact equation (2.11). The following other types of flow can also be distinguished: the Euler flow, Eq (2.12) and its equivalent formula (2.13); the telegraphic current, Eq (2.14) and its equivalent compact equation (2.15). As can be seen, all the basic formulae (2.3), (2.6), (2.10), (2.12) and (2.14) can be transformed into the compact form, Eq (1.5) if their limiting forms can be represented as the corresponding

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SOV/179-59-3-39/45

On a Certain Form of the Equation of Supersonic Flow of Gas

condition w of the equivalent equations. Eq (1.5) can be integrated as shown on p 207.
There are 4 Soviet references.

ASSOCIATION: Severo-Osetinskiy gosudarstvennyy pedagogicheskiy institut (North-Osetian State Pedagogic Institute)

SUBMITTED: July 15, 1957

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APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, E. S.

report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb '60.

303. G. I. Fuks (Moscow): Investigation of the visco-plastic flow of structurized systems (lubricants, clays, etc.) by the differential method.

304. Kh. R. Kharisov (Moscow): Experimental investigation of the strain distribution in soil layers under foundations of varying dimensions.

305. A. A. Khachatrian (Erevan): On the stability and vibrations of anisotropic plates and shells.

306. T. T. Khachatrian (Erevan): On the theory of thick plates.

307. D. G. Khlebnikov (Lvov): Some biharmonic problems concerning an infinite strip with reinforced edges.

308. N. J. Hoff (Stanford): Reversed creep: a remark to the creep buckling theory of Rabotnov and Shesterikov.

309. K. M. Khuberian (Tbilisi): Minimum weight forces in a redundant truss designed for combined loading.

310. B. I. Khudobets-Sheraminskii (Rostov-na-Donu): The stability of thin-walled bars under combined compression, flexure, and torsion.

311. I. G. Tsurkov (Moscow): The non-linear equations of the general theory of shells for small elastic-plastic deformations and their linearization in the method of elastic solutions.

312. N. A. Tsytovich (Moscow): The physical foundations of the mechanics of frozen soils.

313. K. F. Chernykh (Leningrad): Saint Venant's problem for thin-walled toroidal tubes.

314. N. I. Cherniak (Kiev): On some properties of the tension diagram of metals in the range of small elastic-plastic deformations.

315. K. S. Chobanian (Erevan): A two-dimensional problem concerning elastic bodies with a reinforced surface.

316. V. S. Chuvikovskii (Leningrad): On the forced transverse vibrations of a ship hull.

317. E. S. Churikov (Ordzhonikidze): On the integration of the equations of the plane problem of plasticity.

318. V. D. Shaikevich (Dnepropetrovsk): Stability of regular structures and plates.

319. G. S. Shapiro (Moscow): On the limit equilibrium of shells of revolution.

320. K. N. Shevchenko (Moscow): A contribution to the formulation of problems concerning anisotropic plastic solids.

321. K. I. Shevchenko (Moscow): Solutions of some three-dimensional problems of plasticity with application to the rolling of metals.

322. M. P. Sheremetev (Lvov): The solution of some contact problems of elasticity (equation of Prandtl type).

323. D. I. Sherman (Moscow): A heavy medium weakened by an elliptical cavity.

324. D. I. Sherman (Moscow): The method of integral equations in static problems of elasticity.

325. B. F. Shorr (Moscow): Creep of non-uniformly heated bodies.

326. M. I. Iestrin (Moscow): Automodeled motions of a perfectly plastic medium.

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S/044/61/000/005/012/025
C111/C444

AUTHOR: Churikov, F. S.

TITLE: On the shape of the equations of a supersonic gas-flow

PERIODICAL: Referativnyy zhurnal, Matematika, no. 5, 1961, 47, abstract 5B228. (Uch. zap. Sev. - Osetnisk. gos. ped. in-t, 1958, 23, no. 1, 3 - 8)

TEXT: A method is described in order to transform the system of two quasilinear equations of first order and of the hyperbolic type

$$L_1(x, y, u, v, u_x, v_x, u_y, v_y) = 0$$
$$L_2(x, y, u, v, u_x, v_x, u_y, v_y) = 0 \qquad (1)$$

which describes certain supersonic flows of the liquid. The linearised system (1) is written down with respect to the characteristic variables ξ, η as approximative linear differential equations of second order and of the hyperbolic type for the functions $u(\xi, \eta)$ and $v(\xi, \eta)$

$$u_{\xi\eta} = A(\xi, \eta)u_\xi + B(\xi, \eta)u_\eta + C(\xi, \eta)u + D(\xi, \eta). \qquad (2)$$

A condition is given for the coefficients of (2) such that, if it is

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satisfied, the equation is simplified and obtains the form:

$$w_{\xi\eta} = a(\xi, \eta)w, \qquad (3)$$

called compact by the author.
A relation is given without proof, which connects the compact function $w(\xi, \eta)$ with $u(\xi, \eta)$ of (2). It is shown that a number of linearised gasdynamic equations can be transformed to the compact form. An example is given, describing the one-dimensional instationary izentropic supersonic flow of a liquid and the plane stationary flow in the hodograph plane; the system is transformed and brought to the compact form. A Volterra integral equation is obtained which is equivalent to equation (3). It is pointed to the expediency of the reduction of linear differential equations of second order to the compact form.

(Abstracter's note: Complete translation.)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S. (Ordzhonikidze)

Integrating equations in the theory of a water hammer. Izv. AN SSSR. Mekh. i mashinostr. no. 2:176-178 Mr-Ap '64. (MIRA 17:5)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S. (Ordzhonikidze)

Generalization of the method of functionally invariant solutions for finding certain integrals of harmonic and wave equations applicable in mechanics and physics. Prikl. mat. i mekh. 28 no.5: 899-907 S-O '64. (MIRA 17:11)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

CHURIKOV, F.S., dotsent

Algebraic method for finding the extremum values of polynomials. Uch. zap. SOGPI 26 no.2:3-14 '64.

Note on the second remarkable limit. Ibid.:15-18

(MIRA 19:1)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

L 46681-66 EWT(1)/EWP(m)

ACC NR: AP6020730 SOURCE CODE: UR/0421/66/000/003/0105/0108

AUTHOR: Churikov, F. S. (Ordzhonikadze)

54
B

ORG: none

TITLE: Approximation equations for planar gas flow and their integration

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 3, 1966, 105-108

TOPIC TAGS: gas flow, approximation calculation, integration, plane flow, transonic flow, hypersonic flow

ABSTRACT: In view of the fact that the linearized second-order differential equation describing planar stationary isentropic potential gas flow cannot be integrated by analytic means, the author derives several approximating equations for the particular cases of transonic gas flow and planar gas flow with large supersonic velocity. In both cases the approximation is based on replacing the dimensionless velocity by some function that simplifies the differential equation and makes integration easier. The integration is by separation of variables or by constructing an appropriate Riemann function. Orig. art. has: 1 figure and 14 formulas.

SUB CODE: 20, 12/ SUBM DATE: 17Aug65/ ORIG REF: 002

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CHURIKOV, G.

One against ten. Starsh.-serzh. no.9:23 S '62. (MIRA 15:11)
(World War, 1939-1945)

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CHURIKOV, G.N.

Measuring right angles by means of universal microscopes. Izm.tekh. no.2:65-66 Mr-Ap '56. (MLRA 9:7)
(Goniometry)

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CHURIKOV, G.N.

Checking the measuring capacity of micrometers. Izm.tekh.no.1:66-68 Ja-F '57. (MLRA 10:4)
(Micrometer)

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CHURIKOV, G.N.

Checking the parallelism of working surfaces of micrometers with measurement ranges over 100 mm. Izm. tekh. no.3:77 My-Je '57.
(Micrometer) (MLRA 10:8)

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CHURIKOV, G.N.

Checking the IZM-11 machines. Izm.tekh. 20 no.1:7-8 Ja '59.
(MIRA 11:12)
(Measuring instruments--Testing)

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CHURIKOV, G.N.

New method for checking optical quadrants. Izm.tekh. no.4:8-9 Ap '60. (MIRA 13:8)
(Quadrant--Testing)

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CHURIKOV, I.I., kand. sel'skokhoz. nauk

Wintering peas in the Kuban. Zemledelie 25 no.8:75-80 Ag '63.
(MIRA 16:10)

1. Kubanskiy sel'skokhozyaystvennyy institut.
(Krasnodar Territory—Peas—Varieties)

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ALESHIN, Ye.P., kand. biol. nauk; YARKIN, S.A.; SEMENENKO, A.N.; KIRICHENKO, K.S., kand. sel'khoz. nauk; CHURIKOV, I.I.; SAPELKIN, V.K.; RODIONOV, M.S.; RADIN, Yu.P.; FEDOROVA, Yu.A., red.; SAYTANIDI, L.D., tekhn. red.

[Growing rice on irrigated lands] Vozdelyvanie risa na oroshaemykh zemliakh. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1963. 101 p. (MIRA 16:12)
(Rice)

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CHURIKOV, I.I., kand. sel'skokhoz. nauk (Krasnodar)

Irrigation system for rice in the salinized soils of the Caspian Lowland. Gidr. i mel. 16 no.4:34-38 Ap '64.
(MIRA 17:6)

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CHURIKOV, N.S., Geroy Sovetskogo Soyuza

Controlling susliks. Zashch. rast. ot vred. i bol. 9 no.1:7-10 '64.
(MIRA 17:4)

1. Nachal'nik Ural'skoy stantsii zashchity rasteniy.

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CHURIKOV, N.S.; DERYABKIN, V.I., inzh. aviatsii spetsprimeneniya (Simferopol')

Toward the 22d Congress of the CPSU. Zashch. rast. ot vred. i bol. 6 no.9:3 S '61. (MIRA 16:5)

1. Direktor Zapadno-Kazakhstanskoy stantsii zashchity rasteniy, Ural'sk (for Churikov).

(Plants, Protection of)

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CHURIKOV, N.S., Geroy Sovetskogo Soyuza

Getting rid of susliks in western Kazakhstan. Zashch. rast. ot vred. i bol. 6 no.4:9-10 Ap '61. (MIRA 15:6)

1. Direktor Ural'skoy oblastnoy stantsii zashchity rasteniy.
(Kazakhstan—Susliks) (Rodent control)

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CHURIKOV, S. [Churykov, S.], inzh.; TURENKO, I., inzh.

Anticorrosion coatings for reinforced concrete construction elements. Bud.mat.i konstr. 1 no.1:24-27 0 '59. (MIRA 13:8)
(Reinforced concrete--Corrosion)
(Protective coatings)

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CHURIKOV,S.S., inzhener; MOMOT,F.M., inzhener

Mobile plastering unit. Rats. i izobr. predl. v stroi. no.86: 3-5 '54. (MLRA 8:8)

(Plastering)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509130001-2

TURENKO, Ivan Yakovlevich; CHURIKOV, Semen Stepanovich; CHALOVSKIY, Vladimir Alekseyevich; SLIN'KO, B., red.; BABIL'CHANOVA, G., tekhn. red.

[Preventing the corrosion of concrete reinforcements] Zashchita armatury ot korrozii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 18 p. (MIRA 14:9)

1. Akademiya budivnystva i arkhitektury URSR.
(Concrete reinforcement—Corrosion)

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CHURIKOV, S.S., inzh.

Efficient method of protecting the reinforcement of concrete elements from corrosion. Trudy NIIZHB no.22:61-63 '61. (MIRA 14:10)
(Concrete reinforcement) (Protective coatings)

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REYER, M.; AGRIKOVA, K., ekonomist; POLYAKOV, A., ekonomist; CHURIKOV, V.; BOGDANOVA, K.

Improve issuing credit to railroads. Den. i dred. 20 no.10:42-53 O '62. (MIRA 15:12)

1. Nachal'nik otdela kreditovaniya transporta i svyazi Leningradskoy gorodskoy kontory Gosbanda (for Reyer). 2. Saratovskaya oblastnaya kontora Gosbanka (for Agrikova, Polyakov).
(Railroads—Finance)

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CHURIKOV, V., vtoroy shturman

Efficient work organization of crews is a guarantee for increased safety in navigation. Mor. flot 23 no.4:15-16 Ap '63. (MIRA 16:5)

1. Kitobaza "Sovetskaya Ukraina".
(Ship handling--Safety measures)
(Merchant seamen)

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CHURIKOV, V.A.

Existence and uniqueness of a certain boundary value problem and estimates for its solution. Dif. urav. 1 no.7:933-945 Jl '65. (MIRA 18:8)

1. Izhevskiy mekhanicheskiy institut.

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CHURIKOV, V.S.

15-57-7-9622

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5, pp 125-126 (USSR)

AUTHOR: Churikov, V. S.

TITLE: One Type of Fissures Filling in Hypogene Ore Formation (Ob odnom tipe zapolneniya treshchin pri gipogennom rudoobrazovanii)

PERIODICAL: Sov. geologiya, 1956, sb. Nr 50, pp 90-101.

ABSTRACT: The author attempts to establish that the filling of open ore-containing fissures was a single short-time act and that the matrix at the time of the intrusion already had a marked density and viscosity. This point of view has previously been expressed both by Soviet and by foreign geologists. The author's stand is based on: 1) analysis of some characteristics of the ore zone of one of the tungsten deposits; 2) observations of the structure of veins and the nature of mineral deposits; 3) microscopic examination of thin sections. The viscosity of the matrix is indicated by: 1) the suspension

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One Type of Fissures Filling in Hypogene (Cont.)

in it of host rock fragments of various kinds, with ore minerals stretching out in all directions from these fragments; 2) the presence of severed and only slightly displaced fragments of a number of heavy minerals with a high density; 3) the presence of separate nontouching spherulite-like rosettes of molybdenite and muscovite in solid quartz, and 4) the suspension in the quartz of ore minerals which do not gravitate toward the selvages or toward inclusions of host rock. The author believes that crystallization from a single quartz-ore-bearing mass has occurred under conditions of a basically stagnant medium of low mobility. He further believes this occurrence is responsible for: 1) the large formations of ore minerals and gangue; 2) the variation of the size of these formations with the thickness of the viens; 3) the transverse columnar structure of the veins and streaks; 4) the unilateral radial disposition and radial formations of a number of minerals; 5) the transformation of some minerals into others; 6) the inconsistent age relationships. The presence of mineralizing agents in a number of minerals promoted crystallization of the minerals. Crystallization of quartz appears to have occurred later than that of the majority of ore minerals,

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One Type of Fissures Filling in Hypogene (Cont.)

and the article enumerates the indications of this. The predominant association of the ore formations with the selvages and with various kinds of inclusion of host rock contributed to lowering of the temperature, and hence to crystallization of ore minerals. The author connects this association with the simultaneous filling of ore-enclosing cavities.

I. V. Kunayev

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CHURIKOV, V.S.

Formation of veins as illustrated by the Severnyy Kounrad tungsten ore deposit. Sov.geol. 2 no.12:119-123 D '59. (MIRA 13:5)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Kazakhstan--Ore deposits)

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ZONENSHAYN, L.P.; BERTEL'S-USPENSKAYA, I.A.; SAFRONOV, V.S.; NEYMAN, V.B.; GENDLER, V.Ye.; CHURIKOV, V.S.; YEREMIN, N.I.; KOGAN, B.S.; YAKOVLEVA, M.N.; LANGE, O.K.; KABANOV, G.K.; KUZNETSOVA, K.I.; SINITSYNA, I.N.; SMIRNOVA, T.N.; VENKATACHALAPATI, V.; MASLAKOVA, N.I.; BELOUSOVA, Z.D.; YAKUBOVSKAYA, T.A.; YURINA, A.L.; RYBAKOVA, N.O.; MOROZOVA, V.G.; BARASH, M.S.; FONAREV, V.I.; NIKONOV, A.A.

Activity of the Geological Sections of the Moscow Naturalists' Society. Biul. MOIP. Otd. geol. 39 no.6:127-151 N-D '64. (MIRA 18:3)

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